



PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2004

10/511862

											1 2 0	02
CLAIMS AS FILED - PART I (Column 1) (Column 2)								SMALL EN	ידודץ ַ	ΟE	OTHER SMALL	
	TAL CLAIMS					ſ	RATE	FEE) ! :	BATE	PEE	
FUR			INMEER FILED		ARTXB REGMUN		Ì	8-1-C Fee		oa	BASIC FEE	950
TOTAL CHARGEABLE CLAIMS			23 minus 20= *		• 3			X\$ 9=	•	ÖR	X\$16=	
INDEPENDENT CLAIMS			3 minus 3 =		•			X44=			-38×	54
1.10	LTIPLE DEPEN	DENT CLAIM P	RESENT							OR	7.002	
If the difference in column 1 is less than zero, enter "0" in column 2							+1936=		OR			
								TOTAL	<u></u>	OR	TOTAL	1004
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)							OTHER THAN SMALL ENTITY OR SMALL ENTITY					
		CLAIMS	1	HIGH			3	. Approxima	ADO:			405:
JT A		REMAINING AFTER		PREVIO	BER	PRESENT EXTRA		RATE	ADDI- TIONAL		RATE	ADDI- TIONAL
 		AMENDMENT		PAID	FOR				FEE	1		FEE
AMENDMENT	Total	· <i>Z</i> 3	Minus	**		=		X\$ 9=		OR	X\$18=	
ME	Independent	· 3	Minus	**** <		= -		X43= ·		OR	X86=	
	FIRST PRESE	NTATION OF MI	ULTIPLE DE	PENDENT	CLAIM	U		+145=		00	+290=	. —
•								TOTAL		OR	TOTAL	
			•					ADDIT. FEE		OR	ADDIT. FEE	·
X		(Column 1)		(Colum	no (1)	(Column 3)						
_		CLAIMS	<u> </u>			1000011101						
B				HIGHEST PRES		1	I	1 1	ADDI-		1	I ADDI-I
		REMAINING	I	AN MAIL	K I I I	LOOCCOUT						ADDI-
		REMAINING AFTER				PRESENT		RATE	TIONAL	i	RATE	TIONAL
		REMAINING AFTER AMENDMENT		PREVIO	USLY	PRESENT EXTRA		RATE			RATE	
	Total	AFTER	Minus	PREVIO	USLY			RATE XS 9=	TIONAL FEE	- OR	RATE .	TIONAL
	Incependent	AFTER AMENDMENT	Minus Minus	PREVIO PAID I	OUSLY FOR	EXTRA				OR	X\$18=	TIONAL
AMENDMENT I	Incependent	AFTER AMENDMENT	Minus Minus	PREVIO PAID I	OUSLY FOR	EXTRA		XS 9=		OR OR	X\$18=	TIONAL
	Incependent	AFTER AMENDMENT	Minus Minus	PREVIO PAID I	OUSLY FOR	EXTRA		XS 9=			X\$18=	TIONAL
	Incependent	AFTER AMENDMENT	Minus Minus	PREVIO PAID I	OUSLY FOR	EXTRA		XS 9= X43=		OR OR	X\$18= X86= +290=	TIONAL
	Incependent	AFTER AMENDMENT	Minus Minus	PREVIO PAID I	OUSLY FOR	EXTRA		XS 9= X43= +145=	FEE	OR OR	X\$18= X86= +290=	TIONAL
	Incependent	AFTER AMENDMENT NTATION OF MI	Minus Minus	PREVIO PAID I	CLAIM	EXTRA		X\$ 9= X43= +145=	FEE	OR OR	X\$18= X86= +290=	TIONAL
AMENDMENT	Incependent	AFTER AMENDMENT	Minus Minus	PREVIO	CLAIM	EXTRA		X\$ 9= X43= +145=	FEE	OR OR	X\$18= X86= +290=	TIONAL
AMENDMENT	Incependent	AFTER AMENDMENT NTATION OF MI	Minus Minus	PREVIO PAID I	CLAIM	EXTRA		XS 9= X43= +145= TOTAL ADDIT FEE	FEE	OR OR	X\$18= X86= +290= JOTAL ADDIT. FEE	TIONAL FEE
AMENDMENT	Incependent	AFTER AMENDMENT NTATION OF MI (Column 1) CLAIMS REMAINING AFTER	Minus Minus	PREVIO PAID I	CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM	EXTRA		X\$ 9= X43= +145=	ADDI- TIONAL	OR OR	X\$18= X86= +290=	ADDI-TIONAL
AMENDMENT	Incependent	AFTER AMENDMENT NTATION OF MI (Column 1) CLAIMS REMAINING	Minus Minus	PREVIO PAID I	CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM	EXTRA = (Column 3).		XS 9= X43= +145= TOTAL ADDIT FEE	FEE	OR OR	X\$18= X86= +290= JOTAL ADDIT. FEE	TIONAL FEE
AMENDMENT	Incependent	AFTER AMENDMENT NTATION OF MI (Column 1) CLAIMS REMAINING AFTER	Minus Minus	PREVIO PAID I	CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM	EXTRA = (Column 3).		XS 9= X43= +145= TOTAL ADDIT FEE	ADDI- TIONAL	OR OR	X\$18= X86= +290= JOTAL ADDIT. FEE	ADDI-TIONAL
AMENDMENT	Incependent FIRST PRESE Total Independent	AFTER AMENDMENT (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus JLTIPLE DEF Minus Minus	COLUMN PAID I	CLAIM CLAIM On 2) EST BER DUSLY FOR	EXTRA (Column 3). PRESENT EXTRA =		X\$ 9= X43= +145= TOTAL ADDIT FEE RATE X\$ 9=	ADDI- TIONAL	OR OR OR	X\$18= X86= +290= JOTAL ADDIT. FEE RATE X\$18=	ADDI-TIONAL
AMENDMENT	Incependent FIRST PRESE Total Independent	AFTER AMENDMENT (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus JLTIPLE DEF Minus Minus	COLUMN PAID I	CLAIM CLAIM On 2) EST BER DUSLY FOR	EXTRA (Column 3). PRESENT EXTRA =		XS 9= X43= +145= TOTAL ADDIT FEE	ADDI- TIONAL	OR OR	X\$18= X86= +290= JOTAL ADDIT. FEE	ADDI-TIONAL
AMENDMENT C AMENDMENT	Incependent FIRST PRESE Total Independent FIRST PRESE	AFTER AMENDMENT (Column 1) CLAIMS REMAINING AFTER AMENDMENT MITATION OF MI	Minus Minus Minus Minus Minus Minus	Column PENDENT (Column PENDENT) PENDENT PREVIO PAID I	CLAIM CLAIM CLAIM CLAIM CLAIM	(Column 3). PRESENT EXTRA		X\$ 9= X43= +145= TOTAL ADDIT FEE RATE X\$ 9=	ADDI- TIONAL	OR OR OR	X\$18= X86= +290= JOTAL ADDIT. FEE RATE X\$18=	ADDI-TIONAL
AMENDMENT C AMENDMENT	Independent Total Independent FIRST PRESE	AFTER AMENDMENT COlumn 1) CLAIMS REMAINING AFTER AMENDMENT MITATION OF MI	Minus JETIPLE DEF Minus Minus JETIPLE DEF	(Column Hegel NUME PREVIO PAID I	CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM	(Column 3). PRESENT EXTRA		X\$ 9= X43= +145= TOTAL ADDIT FEE RATE X\$ 9= X43= +145= TOTAL	ADDI- TIONAL	OR OR OR OR	X\$18= X86= +290= JOTAL ADDIT. FEE RATE X\$18= X86= +290= TOTAL	ADDI-TIONAL FEE
AMENDMENT C AMENDMENT	Independent Total Independent FIRST PRESE I the entry in column I the "Highest Numit	AFTER AMENDMENT (Column 1) CLAIMS REMAINING AFTER AMENDMENT NTATION OF MI	Minus J.TIPLE DEF Minus Minus Minus J.TIPLE DEF	COlumn Highling PREVIO PAID I	CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM	(Column 3). PRESENT EXTRA =		XS 9= X43= +145= TOTAL ADDIT FEE X\$ 9= X43= +145= TOTAL ADDIT FEE	ADDI- TIONAL FEE	OR OR OR OR OR	X\$18= X86= +290= JOTAL ADDIT. FEE RATE X86= +290= TOTAL ADDIT. FEE	ADDI-TIONAL FEE
AMENDMENT C AMENDMENT	Independent Total Independent FIRST PRESE I the entry in column I the "Highest Numit	AFTER AMENDMENT (Column 1) CLAIMS REMAINING AFTER AMENDMENT MATTION OF MI	Minus J.TIPLE DEF Minus Minus Minus J.TIPLE DEF	COlumn Highling PREVIO PAID I	CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM	(Column 3). PRESENT EXTRA =		XS 9= X43= +145= TOTAL ADDIT FEE X\$ 9= X43= +145= TOTAL ADDIT FEE	ADDI- TIONAL FEE	OR OR OR OR OR	X\$18= X86= +290= JOTAL ADDIT. FEE RATE X86= +290= TOTAL ADDIT. FEE	ADDI-TIONAL FEE

FORM PTO-173 IR N 1003.

Paters and Trademain Office, U.S. DEPARTMENT OF COMMERCE